M. A. R. 57 (Rule 116)
Measurement Book

No. B 426944

rial No. 1st and final Bill

me of Work ..... From..... To.....

me of Contractor of nature of Agency Srs. Madhura H.N., Thirumala complex, DVG Road, Bagepalli 561207

te of commencement of work ..... D.o. Recording : 18-12-2020

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of work :	Maintenance of Water supply works to Existing Borewells at Dadarahally village surrounding area in ward No.9 Byatarayanapura Sub-Division.					
	Estimated cost Rs :	30.00 Lakhs					
	Job. no :	006-19-000044					
	Work order No :	BBMP/EE/BTP/WO/63/2019-20 Dated. 15-07-2019					
	Maintenance period :	1 year (from 16.07.2019 to 15.07.2020)					
	(1) Labour charges for Lifting of non-functioning pumpset along						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With Cable and GI pipes.						
		qty vide	E. Bill	☆ (1)	p. No - 2		
					= 4500 Nos @ 114/-		513000.00
2)	Transportation of pumping machinaries.						
		qty vide	E. Bill	☆ (2)	p. No - 3 = 50 Nos @ 940/-		47000.00
3)	Rewinding of Submersible pump sets. 10 HP.						
		qty vide	E. Bill	☆ (3)	p. No - 4 - 8 Nos @ 5000/-		40.000.00
(4)	—"— 7.50 HP	qty vide	E. Bill	☆ (4)	p. - 4	10 Nos @ 3993/-	39930.00
(5)	—"— 12.00 HP	qty vide	E. Bill	☆ (5)	p - 4 = 14 Nos @ 6449/-		89086.00
(6)	—"— 15 HP	qty vide	E. Bill	☆ (6)	p - 5 = 18 Nos @ 6061/-		109098.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

426945

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	pump bowls	qty	vide E-Bill ## (7)		p.no-5	= 210 nos e	321/E 67410.00
8)	Intermediate piece (IP) with IP Loaded Bronze bush	qty	vide E-Bill ## (8)		p.no-6	= 50 nos e	747/E 37350.00
9)	upper flange	qty	vide E-Bill ## (9)		p.-6	50 nos e	345/E 17250.00
10)	Lower housing	qty	vide E-Bill ## (10)		p. 7	= 50 nos, e	563/E 28150.00
11)	Guide vane	qty	vide E-Bill ## (11)		p-7	= 160 nos, e	201/E 32160.00
12)	Impeller shell moulded with aluminium Bronze	qty	vide E-Bill ## (12)		p. 9	= 50 nos e	275/E 13750.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
13)	Discharge outlet (Dis) Bearing D.o. steel bush						
		qty wide E.Bill No (15) p.no				9- Gonos @546/-	3276
14)	pump shaft made out of ~~coupling~~ (stainless steel)						
		qty wide E.Bill No (14) p.no (13)				35 Nos @689/-	24115
15)	pump coupling (stainless steel)						
		qty wide E.Bill No 15 p. (11)				45 Nos @ 356/-	16020
16)	Stud and nuts	qty wide E.Bill No 16 p. (12)				150 Nos @ 92/-	13800.00
17)	motor base with pin	qty wide E.Bill No 17 p. (12)				25 Nos @ 425/-	10625.00
(18)	starter (with one year guarantee)						
		qty wide E.Bill No 18 p (13) = 20 Nos				@ 5227/-	Log 340.00

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Measurement Book

No. B

426946

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Rotor (With one year Guarantee)	qty wide E.Bill No (19) p.no - 14					
	= 25 Nos @ 4911/- Each. Rs					122775.00
Carbon Housing	qty wide E. Bill No (20) p-(15)				40 Nos @ 496/-	19840.00
Thrust bearing block assembly complete with Segmental bearing pad.						
	qty wide E.Bill No (21) p-(12)				45 Nos @ 1201/-	54045.00
Oil deal	qty wide E. Bill No (22) p17				45 Nos @ 130/-	5850.00
Oil seal steel bush	qty wide E.Bill No 23 p.18				45 Nos @	154/- 7020.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	
24	D.o. Bearing	qty vide E.Bill # (24) p-19				= 600 Nos @ 297/-	178200
25	Steel bush	qty vide E.Bill # 25 p-19				= 300 Nos @ 156/-	46800
(26)	Allen screw	qty vide E.Bill # 26 p-19				= 1400 Nos @ 26/-	36400
(27)	pump key (stainless steel)	qty vide E.Bill # 27 p-20				= 35 Nos @ 131/-	4585
(28)	non-return valve	qty vide E.Bill # 28 p-21				= 30 Nos @ 1410/-	42300
29)	Cable guard	qty vide E.Bill # 29 p-22				= 45 Nos @ 156/-	7020
30	Strainer	qty vide E.Bill # 30 p (23)				= 45 Nos @ 156/-	7020
31)	Brass filter	qty vide E.Bill # 31 p			25	= 45 Nos @ 261/-	11745

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No. B 426947

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Labour charges (over hauling only)	qty vide E.Bill # 32 p-24				15 Nos @ 581/-	26145.00
Re-erection charges of pumping machineries including overhauling	qty vide E.Bill # 33 p (32)				45 Nos @ 992/-	44640.00
Load Ring	qty vide E.Bill # 34 p (29)				50 Nos @ 88/-	4400.00
Carbon Housing	qty vide E.Bill # 35 p (29)				50 Nos @ 496/-	24800.00
Top carbon/ferrodo padding	qty vide E.Bill # 36 p (31)				45 Nos @ 156/-	7020.00
Bearing (Gunmetal) centrifugal cast Aluminium Bronze, Bearing bush	qty vide E.Bill # 37 p (12)				38 Nos @ 418/-	15884.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
38]	Circlips	qty vide E.Bill It no. 38 p.no (32) = Contd ...					318.
39]	Supplying and fixing of porcelain fuse channel with cut out on Existing Wooden/pcrd using necessary nuts bolts, and washerete complete.—	qty vide E.Bill It 39 p (34) = 150 Nos @ 156/E					23400.
40)	Threading of GI pipes 50mm dia	qty vide E.Bill It no. 40 p. (34) = 2688 Nos @ 26/Each					69888.
41]	Supplying of submercible pump Cable 4x3x6.0 sqmm	qty vide E.Bill It 41 p (35) 2000 Mtr @ 150/M					300000.
42)	Supplying and fixing MCB	qty vide E.Bill It 42 p 36. 50 Nos @ 940/E					47000.

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Measurement Book

No. B 126948

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	43) Earthwork excavation for foundation of buildings, water supply & sanitary lines, and electrical conduits either in pits or in trenches 1.50 m and above in width, in ordinary soil not exceeding 1.50 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m as complete.						
	qty vide E.B.11 at ab. 43 p.no (37) = 408.384 m³ @331/m³						135174.00
	44) Providing and installing at site of work. 63 mm pvc pipes class 2 including cost of pipes and labour, including lowering into						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to la Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	trenches, laying true to line, level, perfect linking at joints leaky proof including jointy of approved type with all labour and lift charges.						
		Qty made & Bill # no. 44 p36: 1210 mtr @412/m. 498520.=					
45]	Refilling of available Earth around pipe lines, cables in layers not exceeding 20cms in layers by ramming after lift upto 1.50m, including watering with leveled upto spoil and						
		Qty made & Bill # no. 45 p. 37					
		2	408.38 m³	@ 134/m³			54723.=

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No. B

426949

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	46) Supplying and delivery brand sluice gate valves.						